



AGRICULTURAL BULLETIN

352-439

PM 25

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ESCORT®

Herbicide
Noncrop Brush and Weed
Control
Endangered Plant Species

SUPPLEMENTAL LABELING
EPA FILE SYMBOL 352-UGO

ACCEPTED

MAR 28 1976

ESCORT® HERBICIDE
FOR BRUSH AND WEED CONTROL IN NONCROP AREAS
PROTECTION OF ENDANGERED PLANT SPECIES

Registered under
EPA Reg. No. 352-439

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not make applications of Escort® in the following counties unless the Endangered Species Specialist for each respective Region of the U.S. Department of the Interior is consulted:

Arizona:	Coconino and Navajo.
California:	Contra Costa, Inyo, Los Angeles, Orange, San Benito, San Bernardino, San Diego, San Joaquin, Santa Barbara, Solano, and Ventura.
Colorado:	Delta, Montezuma, and Montrose, and the Navajo Indian Reservation.
Florida:	Clay, Dade, Franklin, Gadsden, Gulf, Liberty, and Monroe.
Georgia:	Brantley and Wayne.
Idaho:	Idaho.
Iowa:	Allamakee, Clayton, and Jackson.
Nevada:	Nye.
New Mexico:	Chaves, Dona Anna, Eddy, Lincoln, and Otero.
New York:	Ulster.
North Carolina:	Henderson.
Oregon:	Harney.
South Carolina:	Greenville.
Texas:	El Paso, Pecos, and Runnels.
Utah:	Emery, Garfield, Piute, Utah, Washington, and Wayne.

IMPORTANT

BEFORE USING ESCORT®, READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABEL.

This bulletin contains new or supplemental instructions for use of this product which may not appear on the package label. Follow instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

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 U.S. Federal
 as C...
 registered under
 EPA Reg. No. 3

DU PONT
Escort®

HERBICIDE

ACTIVE INGREDIENT: Metsulfuron methyl
 Methyl 2-(((4-methoxy-6-methyl-1,3,5-
 triazin-2-yl)amino)carbonylamino)-
 sulfonylbenzoate 80%
 INERT INGREDIENTS 40%
 U.S. Pat. No. 4,383,113 EPA Est. 362-DE-1

KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS

WARNING! MAY IRRITATE EYES, NOSE,
 THROAT, AND SKIN.
 Avoid breathing dust or spray mist. Avoid
 contact with skin, eyes, and clothing.

ENVIRONMENTAL HAZARDS
 Keep out of any body of water. Do not con-
 taminate water by cleaning of equipment or
 disposal of wastes.

E. I. DU PONT DE NEMOURS & CO. (INC.)
 AGRICULTURAL PRODUCTS DEPT., WILM., DE 19880

AG-822 806 Made in U.S.A.
 Printed in U.S.A.

IMPORTANT

Do not use on food or feed crops. Injury to
 or loss of desirable trees or vegetation may
 result from failure to observe the following:
 Do not apply (except as otherwise recom-

mended) or drain or flush equipment on or
 near desirable trees or other plants, or on
 areas where their roots may extend, or in
 locations where the chemical may be
 washed or moved into contact with their
 roots. Do not use on lawns, walks, drive-
 ways, tennis courts, or similar areas. Pre-
 vent drift of spray to desirable plants. Do
 not contaminate any body of water. Keep
 from contact with fertilizers, insecticides,
 fungicides, and seeds.

Following an "Escort" application, the
 spray tank should not be used for any crop
 applications. This is extremely important,
 as low rates of "Escort" can kill or severely
 injure many crops.

STORAGE AND DISPOSAL

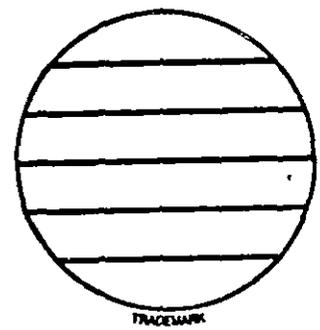
STORAGE: Store product in original
 container only, away from other pesti-
 cides, fertilizer, food, and feed.

DISPOSAL: Do not contaminate water,
 food or feed by storage or disposal.
 Wastes resulting from the use of this pro-
 duct may be disposed of on site or at an
 approved waste disposal facility.

Triple rinse (or equivalent) the container.
 Then offer for recycling or reconditioning,
 or puncture and dispose of in a sanitary
 landfill, or by incineration, or, if allowed
 by state and local authorities, by burning
 if burned, stay out of smoke.

DU PONT
Escort®

HERBICIDE



SEE ACCOMPANYING
 DIRECTIONS FOR USE

DRY FLOWABLE

NET WT. 8 oz



Escort® HERBICIDE DRY FLOWABLE

ACTIVE INGREDIENT:

Metsulfuron methyl
Methyl 2-[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl]amino]carbonyl]amino]sulfonyl]benzoate 60%

INERT INGREDIENTS 40%

U.S. Pat. No. 4,383,113

EPA Est. 352-WV-1

KEEP OUT OF REACH OF CHILDREN PRECAUTIONARY STATEMENTS HAZARD TO HUMANS

WARNING! MAY IRRITATE EYES, NOSE,
THROAT AND SKIN.

Avoid breathing dust or spray mist.
Avoid contact with skin, eyes and clothing.

For medical emergencies involving this product, call toll
free 1-800-441-3637.

ENVIRONMENTAL HAZARDS

Keep out of any body of water. Do not contaminate water
by cleaning of equipment or disposal of wastes.

©1986 E. I. DU PONT DE NEMOURS & CO. (INC.)
AGRICULTURAL PRODUCTS DEPARTMENT
WILMINGTON, DELAWARE

AG-620 8065

IMPORTANT

Do not use on food or feed crops. Injury to or loss of
desirable trees or vegetation may result from failure to
observe the following: Do not apply (except as otherwise
recommended) or drain or flush equipment on or near
desirable trees or other plants, or on areas where their roots
may extend, or in locations where the chemical may be
washed or moved into contact with their roots. Do not use
on lawns, walks, driveways, tennis courts or similar areas.
Prevent drift of spray to desirable plants. Do not contami-
nate any body of water. Keep from contact with fertilizers,
insecticides, fungicides and seeds.

Following an "Escort" application, this spray tank should
not be used for any crop applications. This is extremely
important, as low rates of "Escort" can kill or severely injure
many crops.

NOTICE OF WARRANTY

DuPont warrants that this product conforms to the
chemical description on the label thereof and is rea-
sonably fit for purposes stated on such label only when
used in accordance with directions under normal use
conditions. It is impossible to eliminate all risks inher-
ently associated with use of this product. Ineffectiveness
or other unintended consequences may result
because of such factors as weather conditions, pres-
ence of other materials, or the manner of use or appli-
cation, all of which are beyond the control of Du Pont.
In no case shall Du Pont be liable for consequential,
special or indirect damages resulting from the use or
handling of this product. All such risks shall be as-
sumed by the Buyer. DUPONT MAKES NO WAR-
RANTIES OF MERCHANTABILITY OR FITNESS FOR
A PARTICULAR PURPOSE NOR ANY OTHER EX-
PRESS OR IMPLIED WARRANTY EXCEPT AS
STATED ABOVE.

GENERAL INFORMATION

Du Pont "Escort" herbicide is a dry flowable granule to
be mixed in water and applied as a foliar spray for con-
trol of unwanted woody plants and annual and perennial
broadleaf weeds, and for the suppression of certain
desirable grasses. In noncrop areas such as airports,
highways, roadsides, utility and pipeline rights-of-way,
petroleum tank farms, plant sites, pumping installations
and railroad rights-of-way.

"Escort" is noncorrosive, nonflammable, nonvolatile
and does not freeze. "Escort" rapidly stops growth of
susceptible species; however, typical symptoms (dis-
coloration) may not be noticeable for several weeks
after application, depending on growing conditions and
susceptibility. Warm, moist conditions following treat-
ment promote the activity of "Escort", while cold, dry
conditions may reduce or delay activity. Weeds and
brush hardened off by cold weather or drought stress
may not be controlled.

Degree of control and duration of effect are dependent
on the rate used, sensitivity and size of target species, as
well as soil moisture and soil temperature.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a
manner inconsistent with its labeling.

"Escort" should be used only in accordance with recom-
mendations on this label or in separate published Du Pont
recommendations available through local dealers.

Du Pont will not be responsible for losses or damages
resulting from the use of this product in any manner not
specifically recommended by Du Pont.

SPRAY PREPARATION

Mix the proper amount of "Escort" into the water in the
spray tank with the agitator running. Continuous agita-
tion is required to keep the product in suspension. To
minimize drift, a drift control agent may be added at the
recommended label rate. For postemergence applica-
tions, a nonionic surfactant such as Du Pont Surfactant
WK may be added at a rate of 1/4% (by volume) to
improve wetting and contact activity. "Escort" spray
preparations may degrade in acid solutions if not used
within 24 hours.

Tank mixes with other registered herbicides should be
tested for compatibility before full scale mixing.

GENERAL BRUSH CONTROL

"Escort" controls or suppresses many undesirable
brush and vine species such as:

Ash	Kudzu
Aspen	Multiflora rose
Cherry	Oaks
Elm	Red Maple

Applications should be made from the period after
brush has reached the one-half leaf stage until the
beginning of fall leaf coloration. Where mixed stands
occur, use the higher recommended rate for the most
difficult to control species.

Effectiveness may be reduced if rainfall occurs within 24
hours after application.

High Volume Ground Applications:

Prepare a spray solution of "Escort" using 1/2 to 1 ounce
product per 100 gallons of water to control ash, aspen,
cherry, elm and multiflora rose.

For control of more resistant woody species such as
oaks and red maple, use 1 to 2 ounces of "Escort" (3 to 4
ounces for control of kudzu) per 100 gallons of water.

Continued on reverse side

Apply as a full coverage spray stems and limbs at
a volume of 50 to 400 gallons of total spray per acre depend-
ing on plant species, height and density of growth and on
the type of spray equipment used. Spray to runoff for
thorough coverage. On tall, dense brush, it is often neces-
sary to spray from both sides to obtain adequate coverage.

Low Volume Ground Applications:

Prepare a spray solution of "Escort" herbicide at a rate of
1/2 to 3/4 ounce product per 5 to 25 gallons of water using a
spray volume of no more than 25 gallons of water per acre
for control of ash, cherry and elm.

Apply as a full coverage spray to foliage, stems and limbs
using equipment which will assure particle breakup and
uniform coverage of the low spray volumes being applied.
Total spray volume per acre will depend upon plant spe-
cies, height and density of growth, and the type of equip-
ment used.

NOTE: In areas where crop or desirable vegetation are
planted adjacent to treatment areas, spray away from
crops toward the center of rights-of-way keeping spray
no higher than brush tops.

NONSELECTIVE WEED CONTROL

"Escort" is recommended for use in nonselective weed
control programs to control the following broadleaf
weeds and vines:

1/3 to 1 ounce/acre	1 to 2 ounces/acre
Aster	Bull thistle
Chicory	Buckhorn plantain
Clover (white)	Canada thistle
Common chickweed	Curly dock
Crown vetch	Kochia
Common yarrow	Kudzu
Goldenrod	Russian thistle
Multiflora rose	Scouringrush
Sweet clover	
Wild carrot	
Wild lettuce	

Where mixed stands occur, use the higher recom-
mended rate for the most difficult to control species.

Prepare a spray solution using 1/3 to 2 ounces "Escort"
in at least 10 gallons of water. Apply anytime when
ground is not frozen.

SELECTIVE WEED CONTROL

"Escort" is recommended for use on unimproved indus-
trial turf where certain grasses are well-established and
desired as ground cover. An application of "Escort" may
cause temporary discoloration of the grasses.

Applications can be made anytime, except when ground
is frozen. Apply uniformly with properly calibrated
ground equipment, using 10 to 100 gallons of spray
solution per acre. Use of a surfactant may temporarily
increase discoloration (chlorosis) of desirable grasses.

NOTE:

Do not apply "Escort" to turf that is under stress from
drought, insects, disease, cold temperatures or poor
fertility, as injury may result.

Do not apply to turf less than 1 year old.

Do not use on bahiagrass, as severe injury will result.

Fescue/Bluegrass:

Apply 1/3 to 1/2 ounce "Escort" per acre, but do not
exceed 1/2 ounce per acre within a nine-month period.

Crested Wheatgrass and Smooth Brome:

Apply 1/3 to 1 ounce "Escort" per acre for weed control
in these grasses. Some chlorosis or stunting may occur

Bermudagrass:

Apply 1/3 to 2 ounces "Escort" per acre for weed con-
trol. Some chlorosis or stunting may occur following the
application.

These treatments will control the following weeds:

1/4 to 1/3 ounce/acre	1/3 to 1/2 ounce/acre	1/2 to 1 ounce/acre	1 to 2 ounces/acre
Chickweed	Aster	Buckhorn plantain	Bull thistle
Chicory	Bahiagrass	Canada thistle	Russian thistle
Wild carrot	Clover	Curly dock	Scouringrush
	Common mullen	Kochia	
	Common yarrow		
	Crown vetch		
	Dandelion		
	Goldenrod		
	Plantain		
	Sweet clover		
	Wild lettuce		
	Wood sorrel		

GROWTH SUPPRESSION AND SEEDHEAD INHIBITION

Fescue/Bluegrass:

Apply 1/3 to 1/2 ounce "Escort" per acre, but do not
exceed 1/2 ounce per acre within a nine-month period.

"Escort" is recommended for use on unimproved turf in
noncropland areas for growth suppression and seed-
head inhibition of well established turf, except in Illinois,
Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio and
Wisconsin. Applications should be made at a rate of 1/3
to 1/2 ounce "Escort" anytime from after green up until
seedhead appearance.

Apply uniformly with properly calibrated ground equip-
ment using at least 10 gallons of spray per acre. Use of a
surfactant may temporarily increase chlorosis of desir-
able grasses. In mixed fescue/bluegrass stands the ad-
dition of another growth regulant may be desirable to
increase suppression of bluegrass seedheads.

NOTE:

Do not apply "Escort" to turf that is under stress from
drought, insects, disease, cold temperatures or poor
fertility as injury may result.

Do not apply to turf less than 1 year old.

Do not use on bahiagrass, as severe injury will result

USE PRECAUTIONS

Do not apply "Escort" during periods of intense rainfall
or to soils saturated with water. Do not apply directly to
standing or running water. Do not apply in areas where
surface water from the treatment site can run off to
adjacent cropland, either planted or to be planted, or
into streams, irrigation water or wells. Applications
should only be made when there is no hazard of spray
drift contaminating nontarget land areas since very
small quantities of the "Escort" spray solution may se-
verely injure susceptible crops during both growing and
dormant periods.

NOTICE TO BUYER

Purchase of this material does not confer any rights
under patents of countries outside of the United States

STORAGE AND DISPOSAL

STORAGE: Store product in original container only,
away from other pesticides, fertilizer, food and feed

DISPOSAL: Do not contaminate water, food or feed by
storage or disposal. Wastes resulting from the use of
this product may be disposed of on site or at an ap-
proved waste disposal facility. Triple rinse (or equiv-
alent) the container. Then offer for recycling or
reconditioning, or puncture and dispose of in a sani-
tary landfill or by incineration, or, if allowed by state
and local authorities, by burning. If burned, stay out of
smoke.